ABSTRACT

A method and system for providing simulation of an integrated circuit during development of the integrated circuit is disclosed. The integrated circuit has an island **that includes** an interface. The method and system include a snooper, a checker and a generator. The snooper is coupled with **an** interface and is for obtaining an output provided by the island during simulation. The checker is coupled with **an** interface and is for checking the output to determine whether the output is a desired output. The generator is coupled with **an interface** and is for providing an input to the **interface** during simulation. The generator is coupled with a test case that directs the generator.